

FIG. 1c

VI	CK	V0	B:A
X	L	0	L:L
0	P	1	L:H
1	P	2	H:L
2	P	3	H:H
3	P		

160

FIG. 1d

161

VI/VO	B:A
0	L:L
1	L:H
2	H:L
3	H:H

FIG. 1e

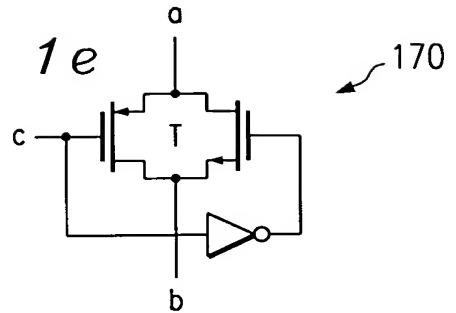


FIG. 1f

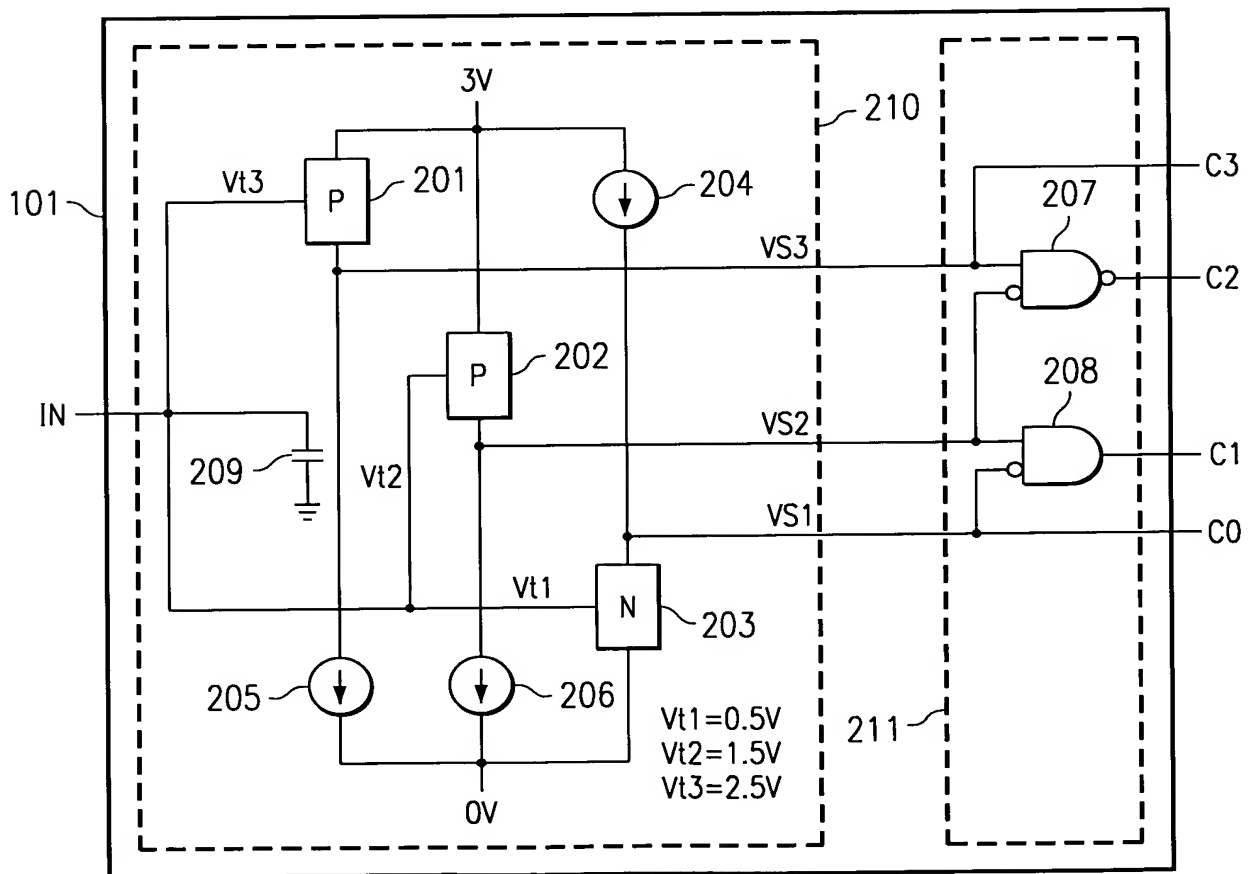
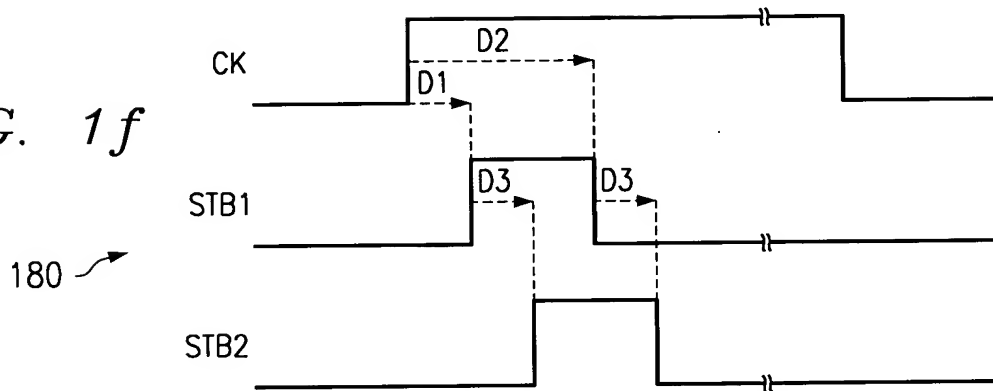


FIG. 2a

220

IN (V)	VS1	VS2	VS3	C0	C1	C2	C3	B:A
0	H	H	H	H	L	H	H	L:L
1	L	H	H	L	H	H	H	L:H
2	L	L	H	L	L	L	H	H:L
3	L	L	L	L	L	H	L	H:H

FIG. 2b

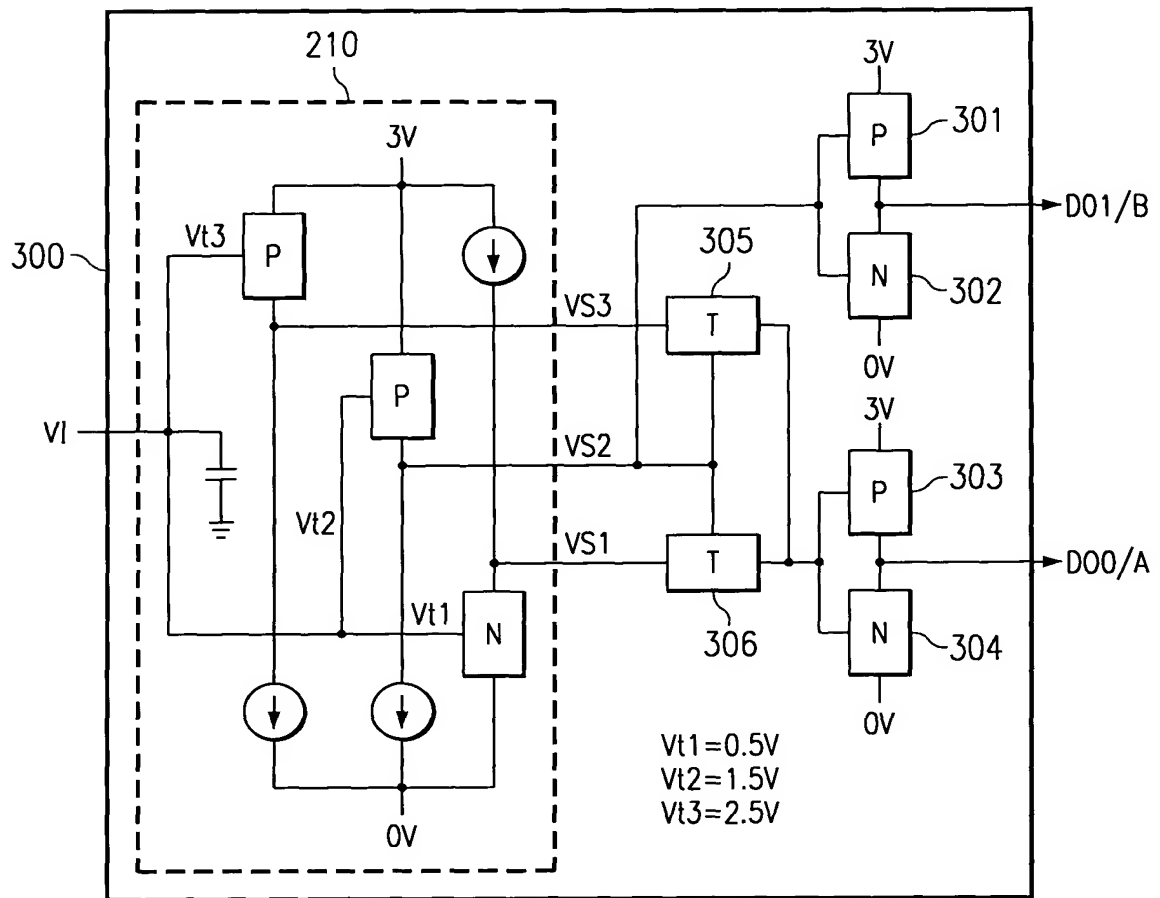


FIG. 3a

320

VI	VS1	VS2	VS3	D01/B:D00/A
0	H	H	H	L : L
1	L	H	H	L : H
2	L	L	H	H : L
3	L	L	L	H : H

FIG. 3b

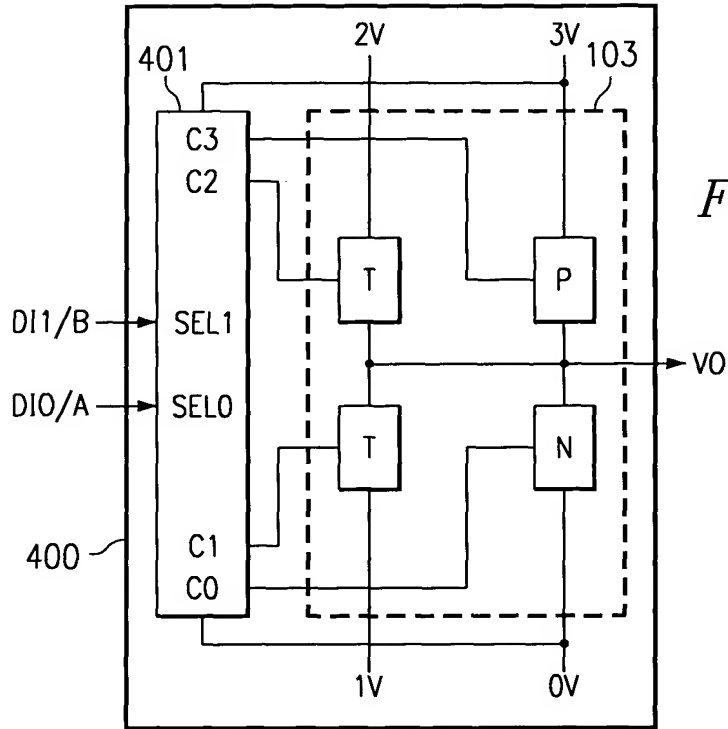


FIG. 4a

DI1/B:DIO/A	C0	C1	C2	C3	V0
L : L	H	L	H	H	0
L : H	L	H	H	H	1
H : L	L	L	L	H	2
H : H	L	L	H	L	3

420

FIG. 4b

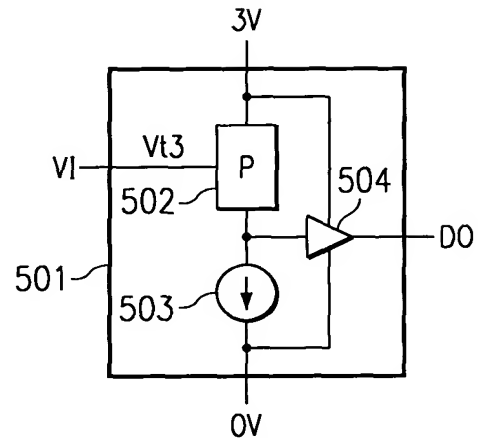


FIG. 5a

$DO = \overline{B} * A$

VI	DO
0	H
1	H
2	H
3	L

510

FIG. 5b

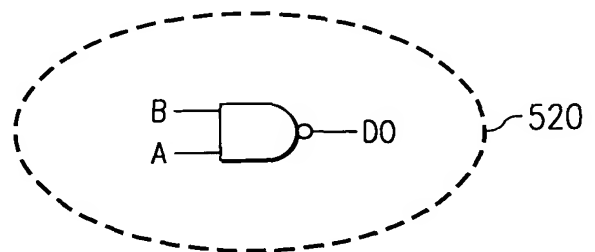


FIG. 5c

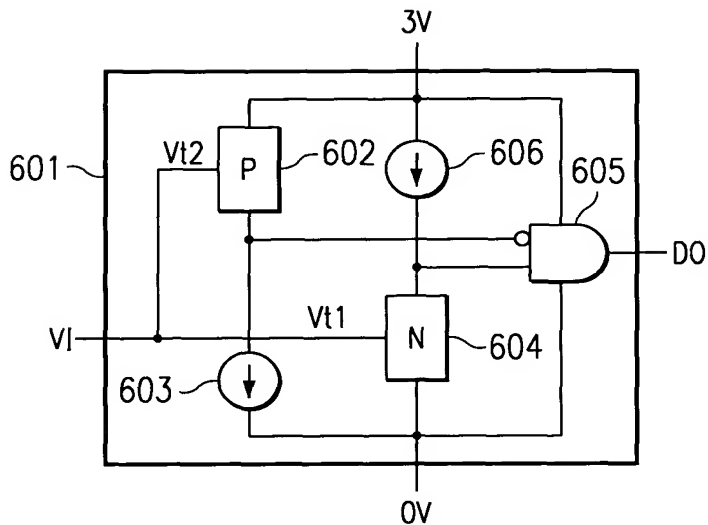


FIG. 6a

$DO = \overline{B} * A$

VI	DO
0	H
1	L
2	H
3	H

FIG. 6b

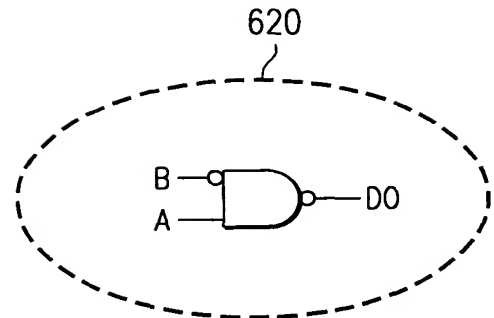


FIG. 6c

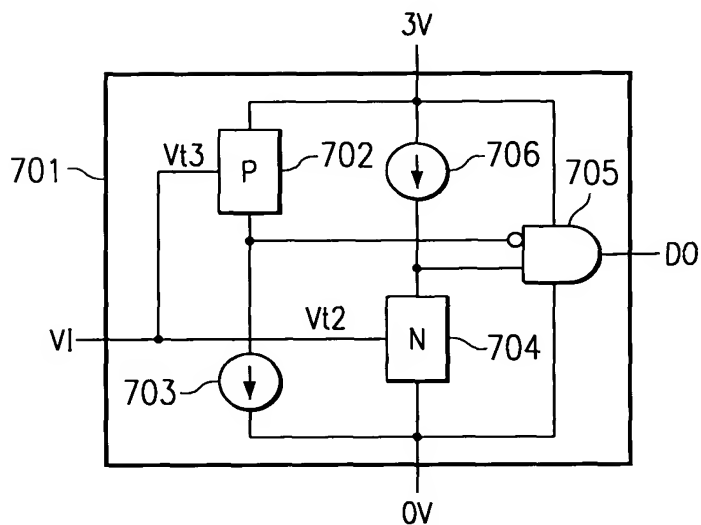


FIG. 7a

$DO = B * \overline{A}$

VI	DO
0	H
1	H
2	L
3	H

FIG. 7b

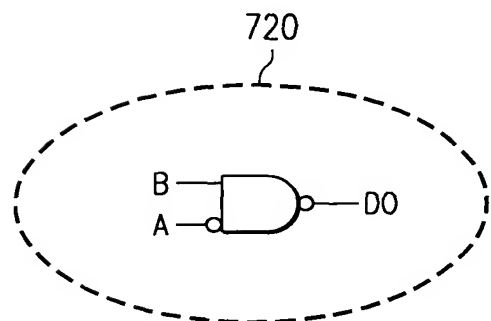


FIG. 7c

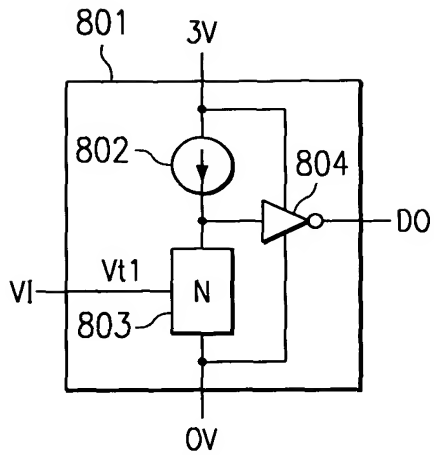


FIG. 8a

810 $DO = \overline{B} * \overline{A}$

VI	DO
0	L
1	H
2	H
3	H

FIG. 8b

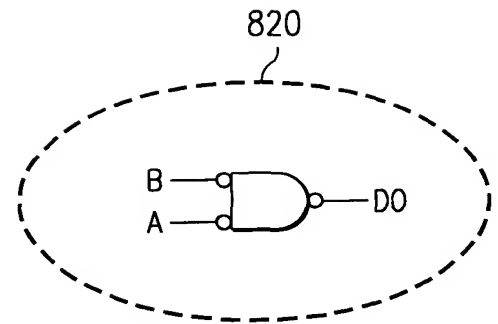


FIG. 8c

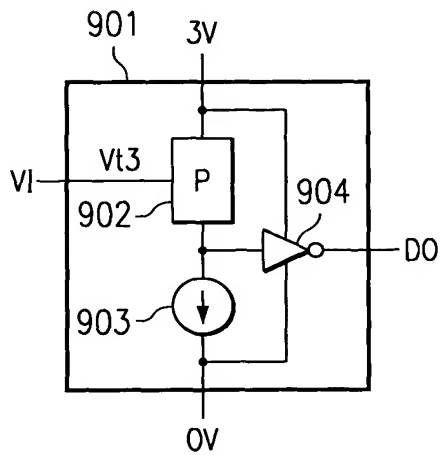


FIG. 9a

910 $DO = B * A$

VI	DO
0	L
1	L
2	L
3	H

FIG. 9b

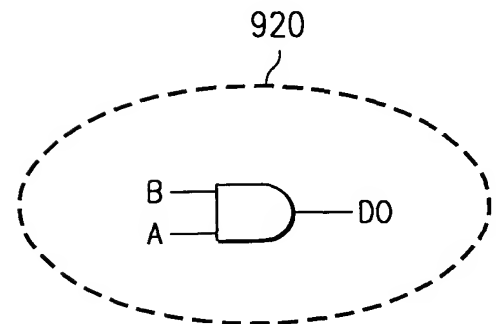


FIG. 9c

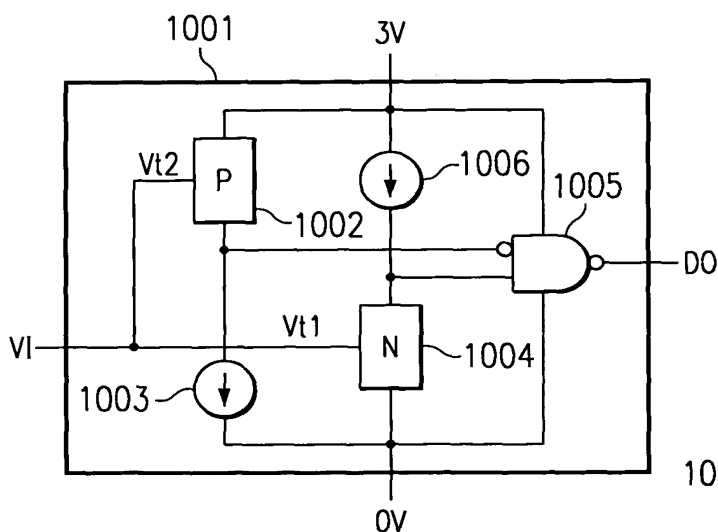


FIG. 10a

1010 $DO = \overline{B} * A$

VI	DO
0	L
1	H
2	L
3	L

FIG. 10b

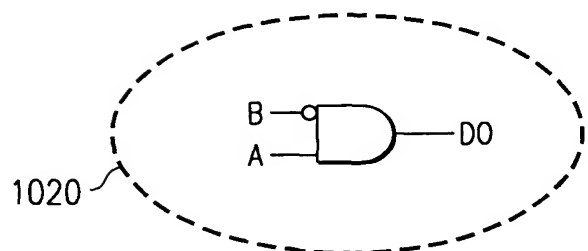


FIG. 10c

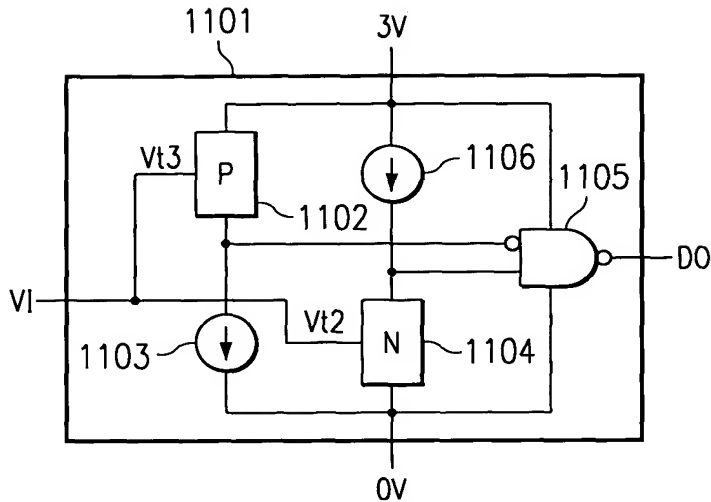


FIG. 11a

$DO = B \cdot \bar{A}$

VI	DO
0	L
1	L
2	H
3	L

FIG. 11b

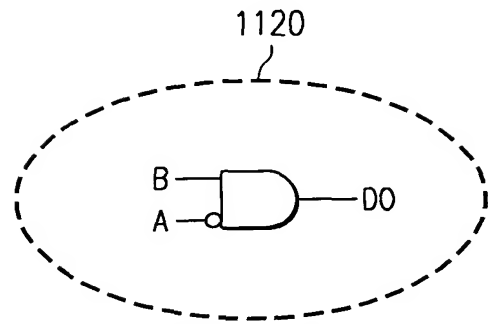


FIG. 11c

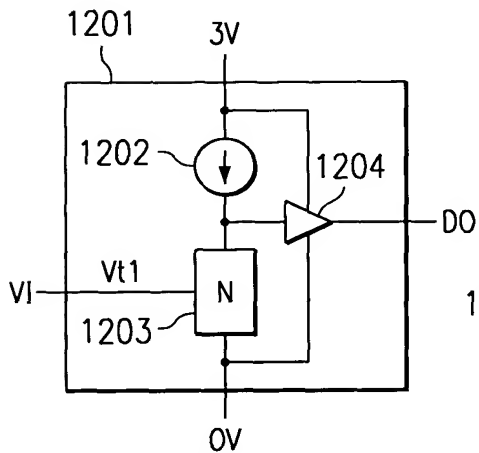


FIG. 12a

$DO = \bar{B} \cdot \bar{A}$

VI	DO
0	H
1	L
2	L
3	L

FIG. 12b

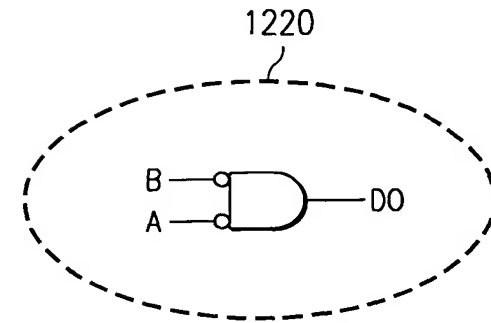


FIG. 12c

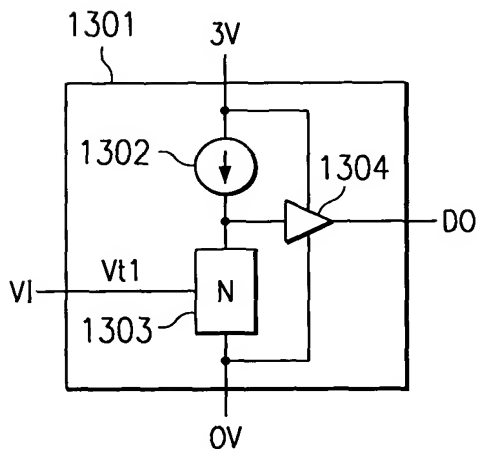


FIG. 13a

$DO = \bar{B} + A$

VI	DO
0	H
1	L
2	L
3	L

FIG. 13b

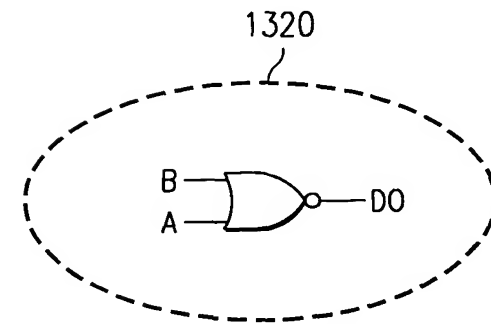


FIG. 13c

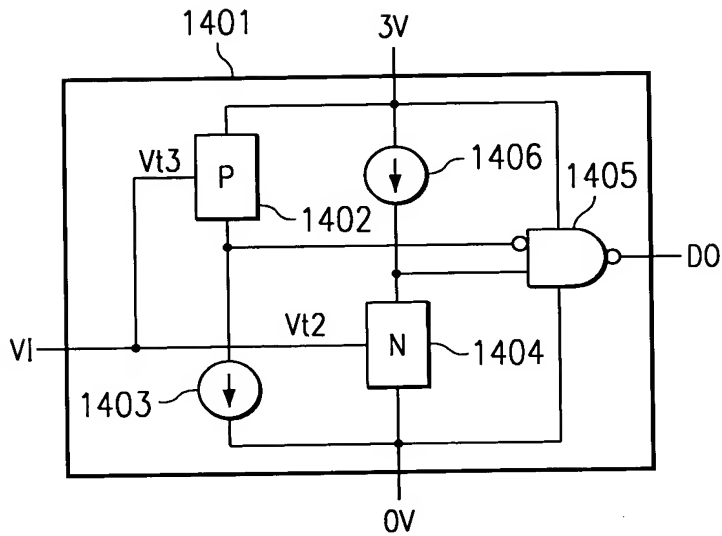


FIG. 14a

$DO = \overline{B} + A$

VI	DO
0	L
1	L
2	H
3	L

FIG. 14b

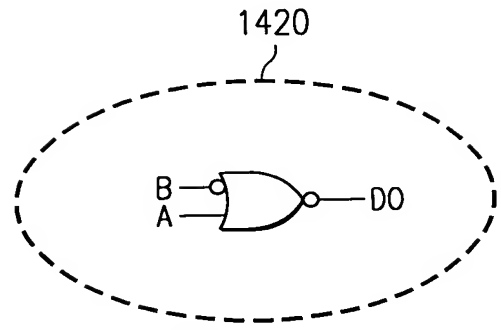


FIG. 14c

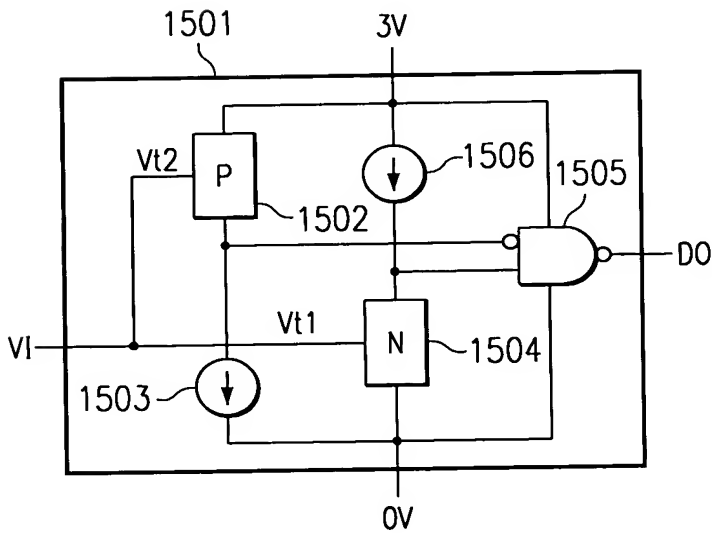


FIG. 15a

$DO = \overline{B + A}$

VI	DO
0	L
1	H
2	L
3	L

FIG. 15b

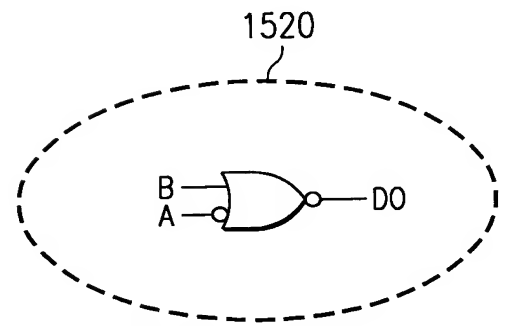


FIG. 15c

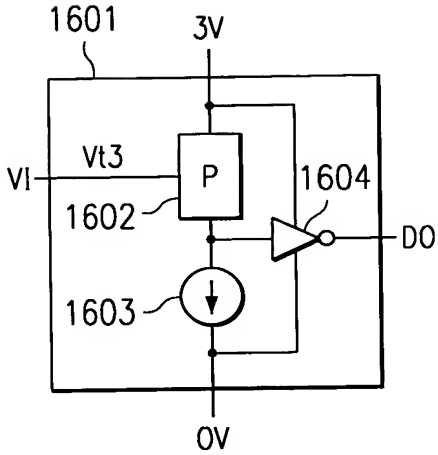


FIG. 16a

1610 $DO = \overline{\overline{B} + A}$

VI	DO
0	L
1	L
2	L
3	H

FIG. 16b

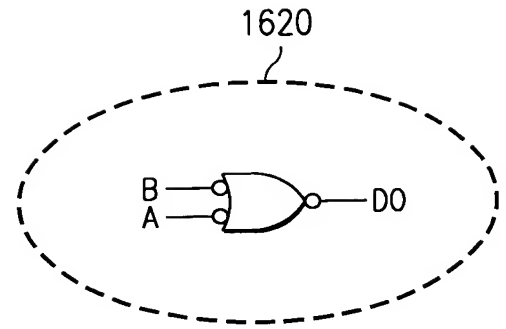


FIG. 16c

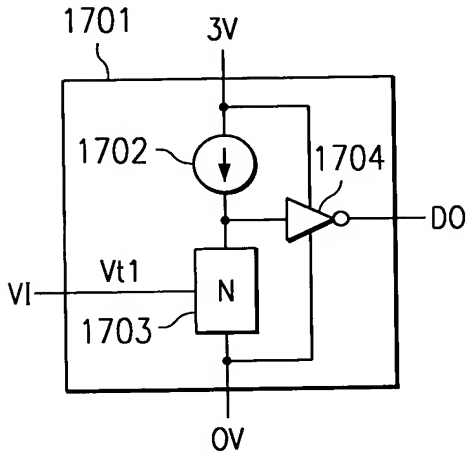


FIG. 17a

1710 $DO = B + A$

VI	DO
0	L
1	H
2	H
3	H

FIG. 17b

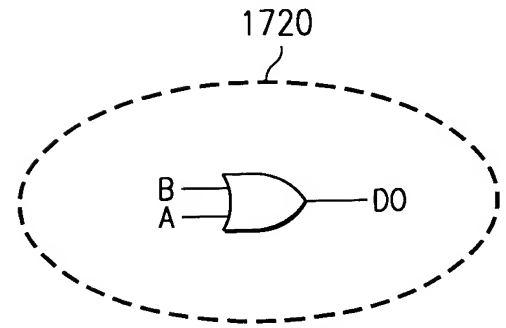


FIG. 17c

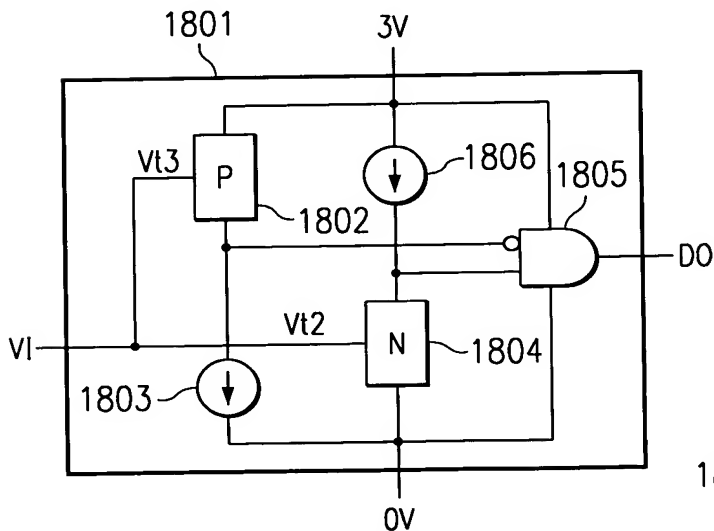


FIG. 18a

1810 $DO = \overline{B} + A$

VI	DO
0	H
1	H
2	L
3	H

FIG. 18b

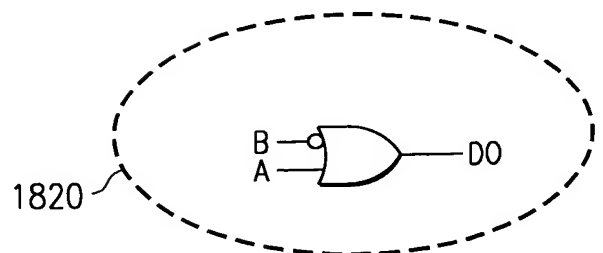


FIG. 18c

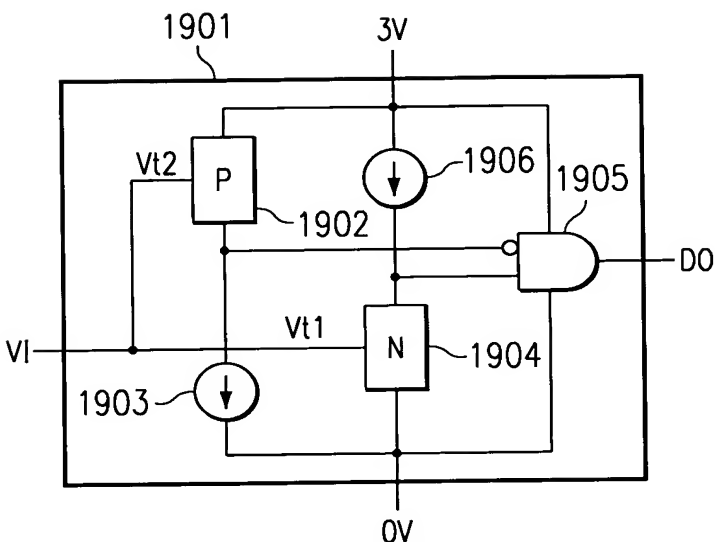


FIG. 19a

$DO = B + \bar{A}$

VI	DO
0	H
1	L
2	H
3	H

FIG. 19b

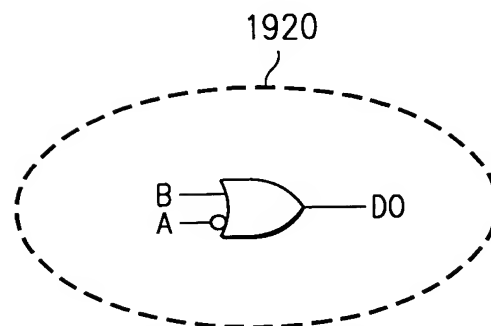


FIG. 19c

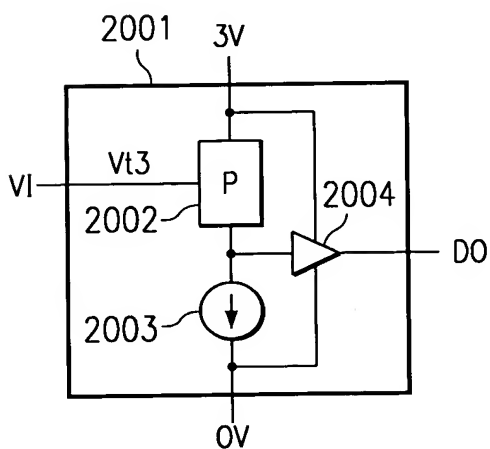


FIG. 20a

$DO = \bar{B} + \bar{A}$

VI	DO
0	H
1	H
2	H
3	L

FIG. 20b

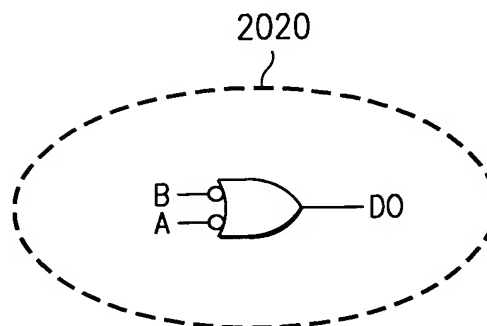


FIG. 20c

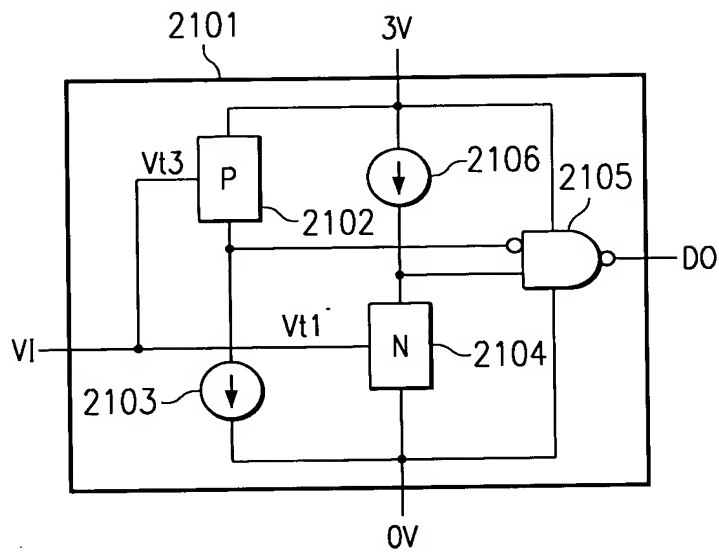


FIG. 21a

$DO = B \oplus A = \bar{B} \oplus \bar{A}$

VI	DO
0	L
1	H
2	H
3	L

FIG. 21b

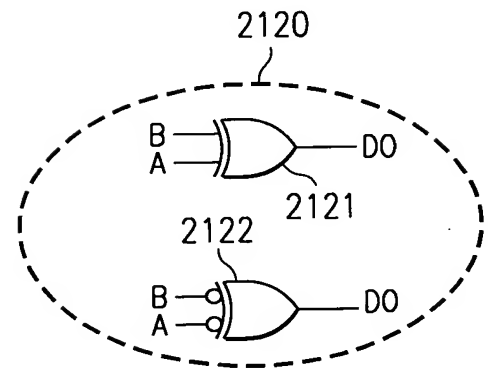


FIG. 21c

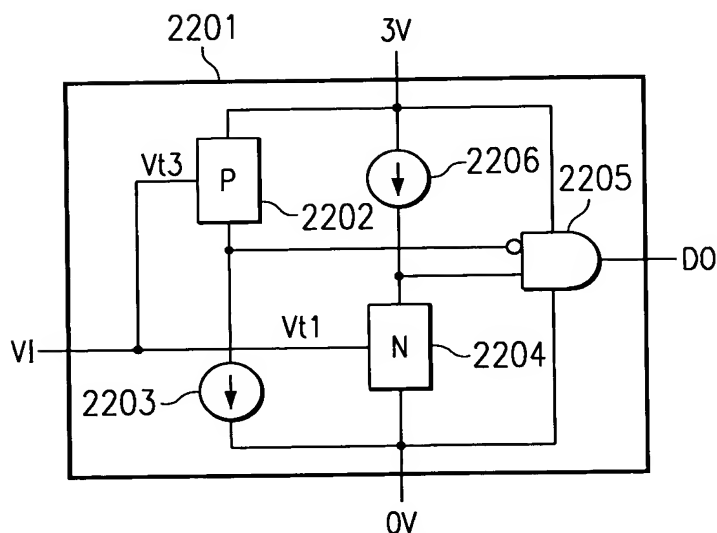


FIG. 22a

$DO = \bar{B} \oplus A = B \oplus \bar{A}$

VI	DO
0	H
1	L
2	L
3	H

FIG. 22b

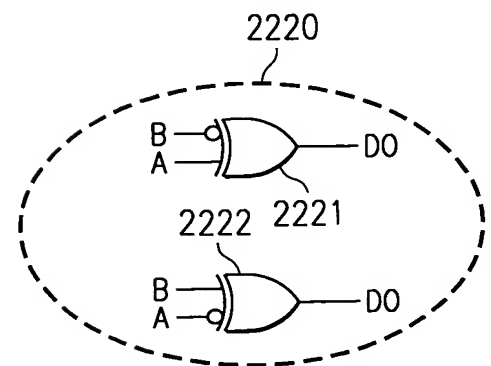


FIG. 22c

FIG. 23

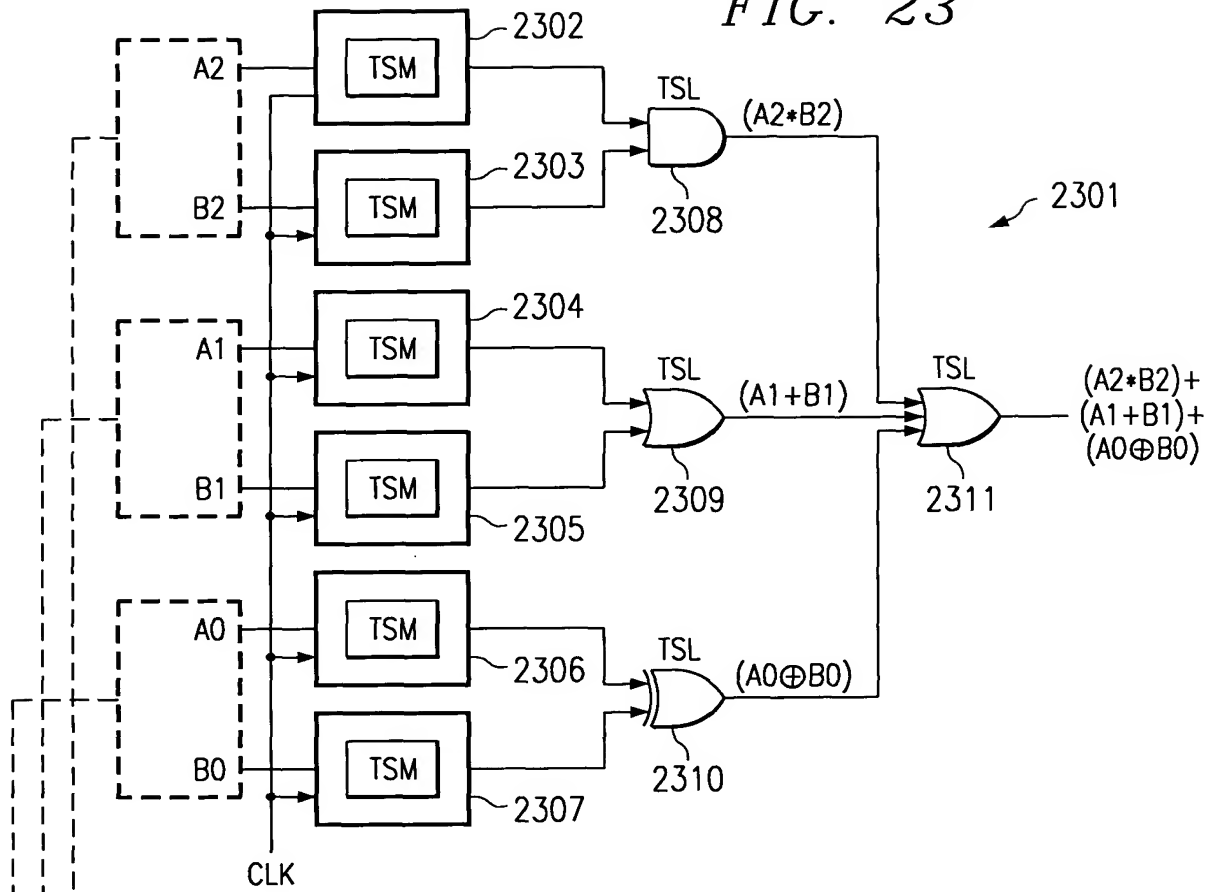
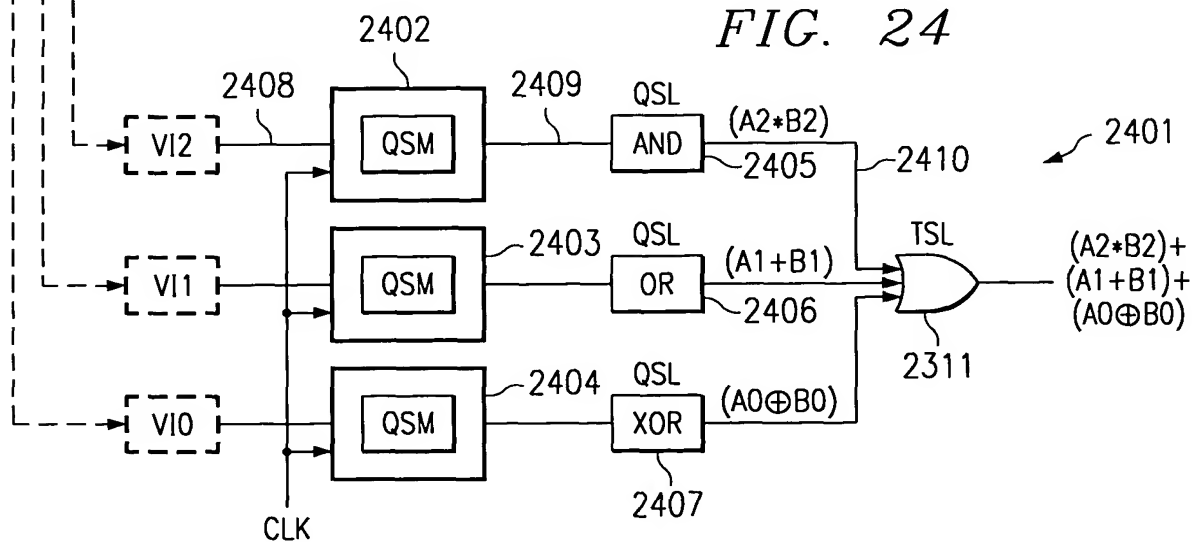


FIG. 24



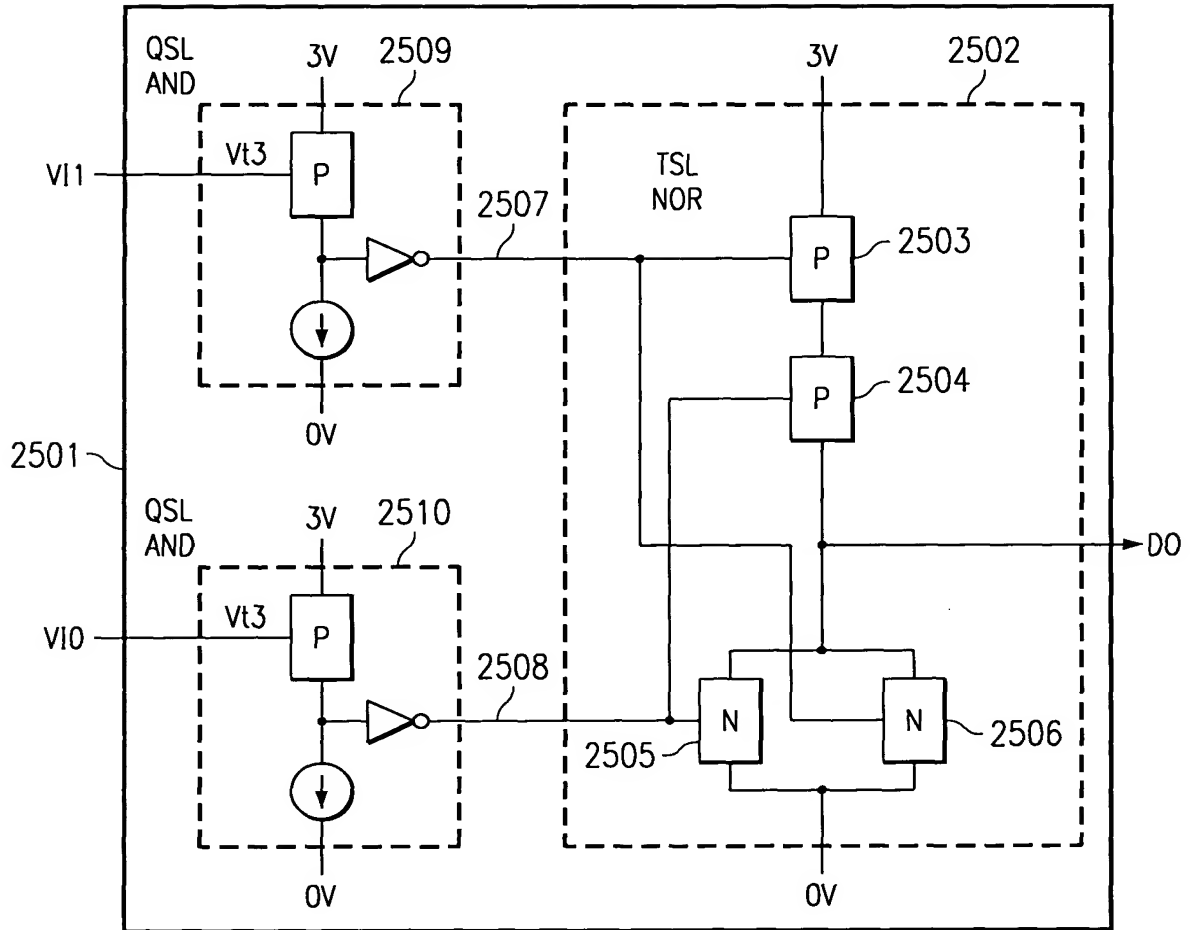


FIG. 25a

2530

VI1	B1:A1
0	L:L
1	L:H
2	H:L
3	H:H

FIG. 25b

2531

VI0	B0:A0
0	L:L
1	L:H
2	H:L
3	H:H

FIG. 25c

910

DO=B*A	
VI	DO
0	L
1	L
2	L
3	H

FIG. 25d

$$DO = (B1 \cdot A1) + (B0 \cdot A0)$$

$$VI1(B1:A1), VI0(B0:A0)$$

VI1	VI0	DO
0(L:L)	0(L:L)	H
0(L:L)	1(L:H)	H
0(L:L)	2(H:L)	H
0(L:L)	3(H:H)	L
1(L:H)	0(L:L)	H
1(L:H)	1(L:H)	H
1(L:H)	2(H:L)	H
1(L:H)	3(H:H)	L
2(H:L)	0(L:L)	H
2(H:L)	1(L:H)	H
2(H:L)	2(H:L)	H
2(H:L)	3(H:H)	L
3(H:H)	0(L:L)	L
3(H:H)	1(L:H)	L
3(H:H)	2(H:L)	L
3(H:H)	3(H:H)	L

2540

FIG. 25e

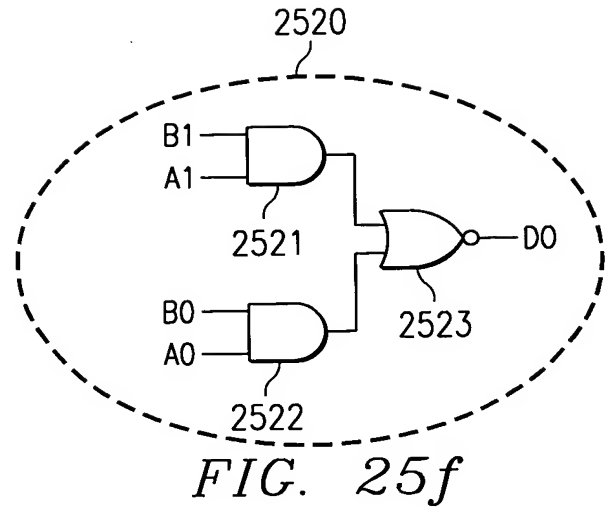
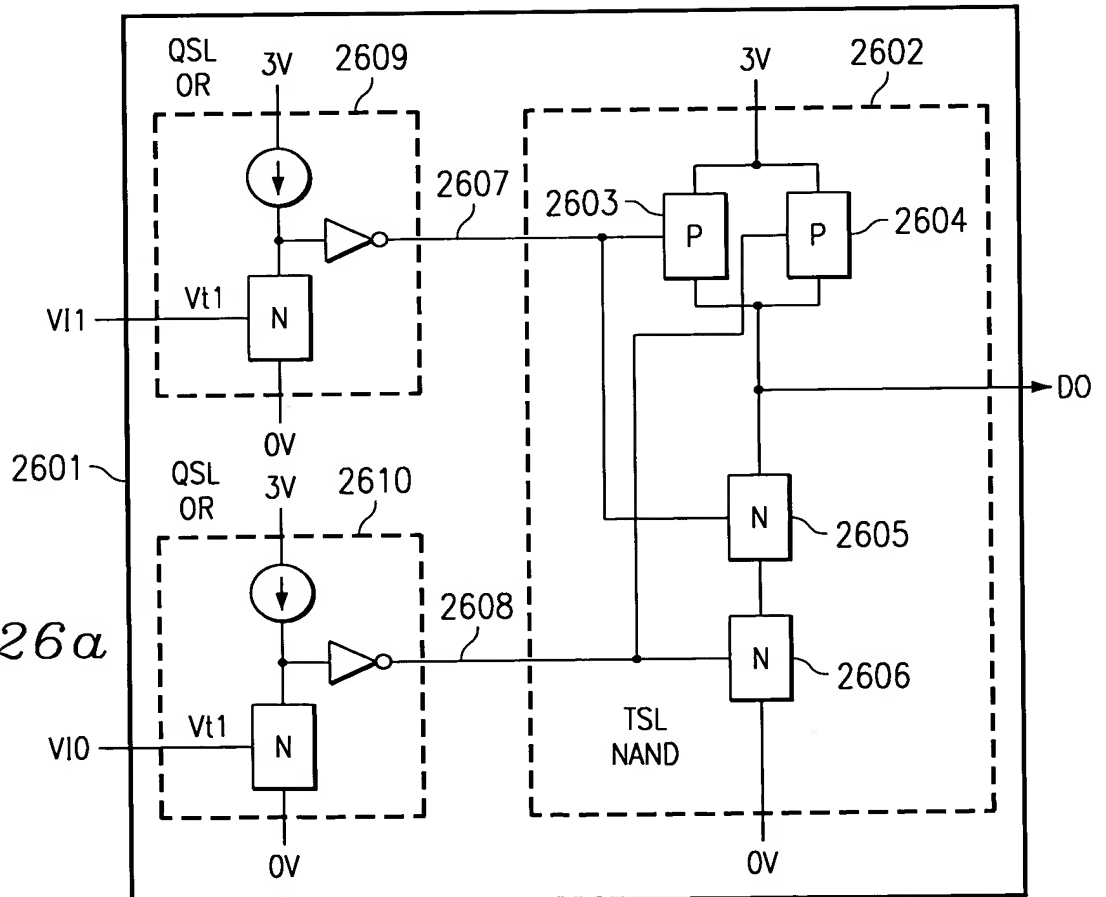


FIG. 25f

FIG. 26a



2630

VI1	B1:A1
0	L:L
1	L:H
2	H:L
3	H:H

FIG. 26b

2631

VI0	B0:A0
0	L:L
1	L:H
2	H:L
3	H:H

FIG. 26c

DO=B+A

1710

VI	DO
0	L
1	H
2	H
3	H

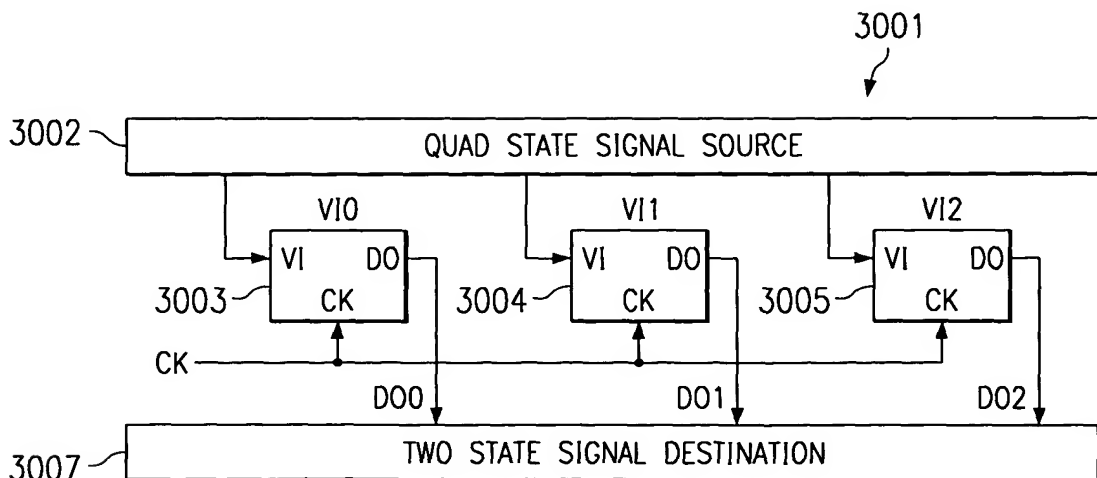
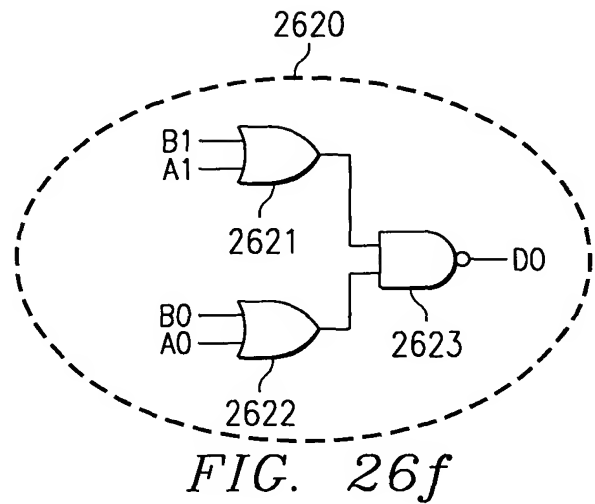
FIG. 26d

$DO = \overline{(B1+A1)(B0+A0)}$
VI1(B1:A1), VI0(B0:A0)

VI1	VI0	DO
0(L:L)	0(L:L)	H
0(L:L)	1(L:H)	H
0(L:L)	2(H:L)	H
0(L:L)	3(H:H)	H
1(L:H)	0(L:L)	H
1(L:H)	1(L:H)	L
1(L:H)	2(H:L)	L
1(L:H)	3(H:H)	L
2(H:L)	0(L:L)	H
2(H:L)	1(L:H)	L
2(H:L)	2(H:L)	L
2(H:L)	3(H:H)	L
3(H:H)	0(L:L)	H
3(H:H)	1(L:H)	L
3(H:H)	2(H:L)	L
3(H:H)	3(H:H)	L

2640

FIG. 26e



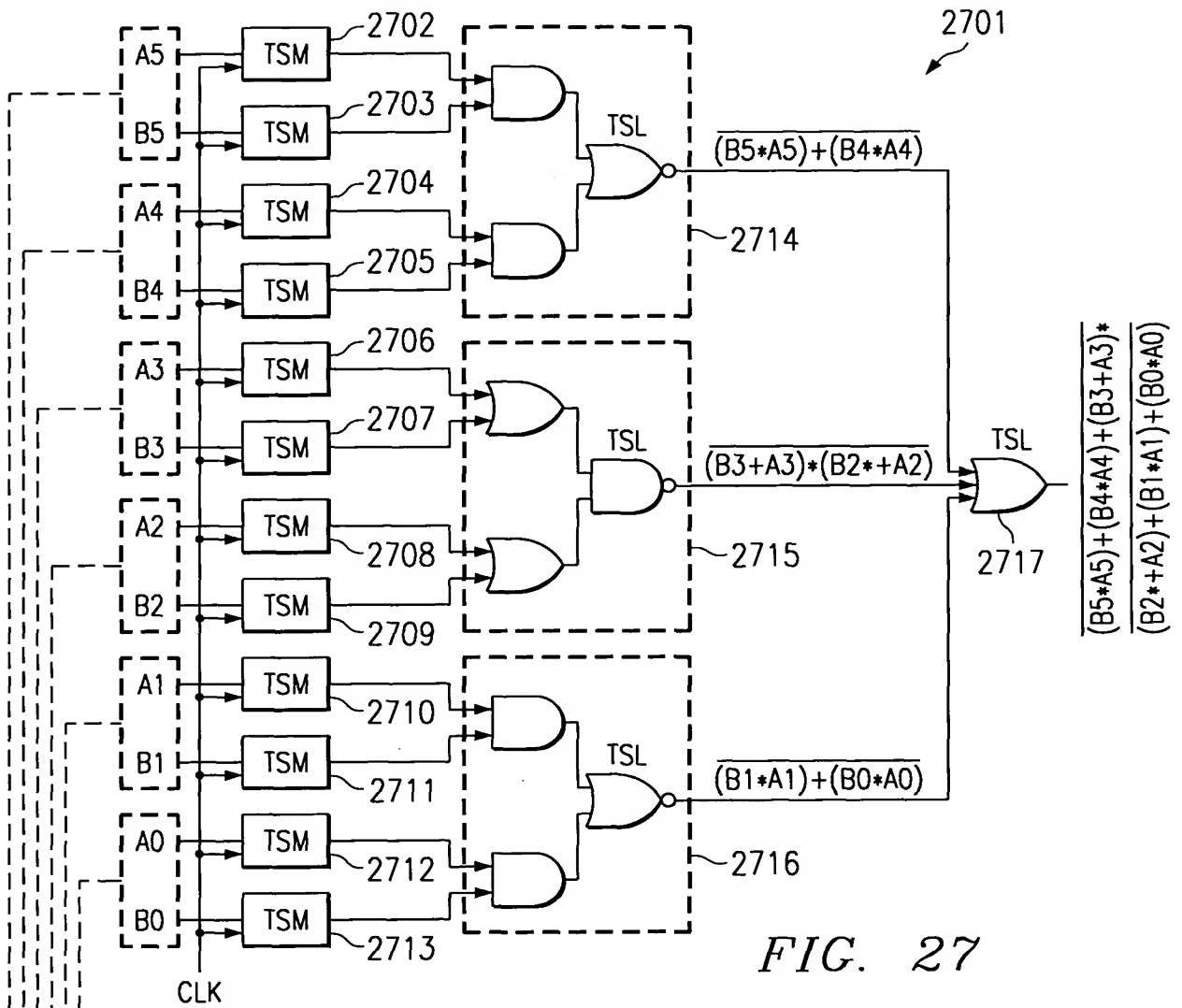


FIG. 27

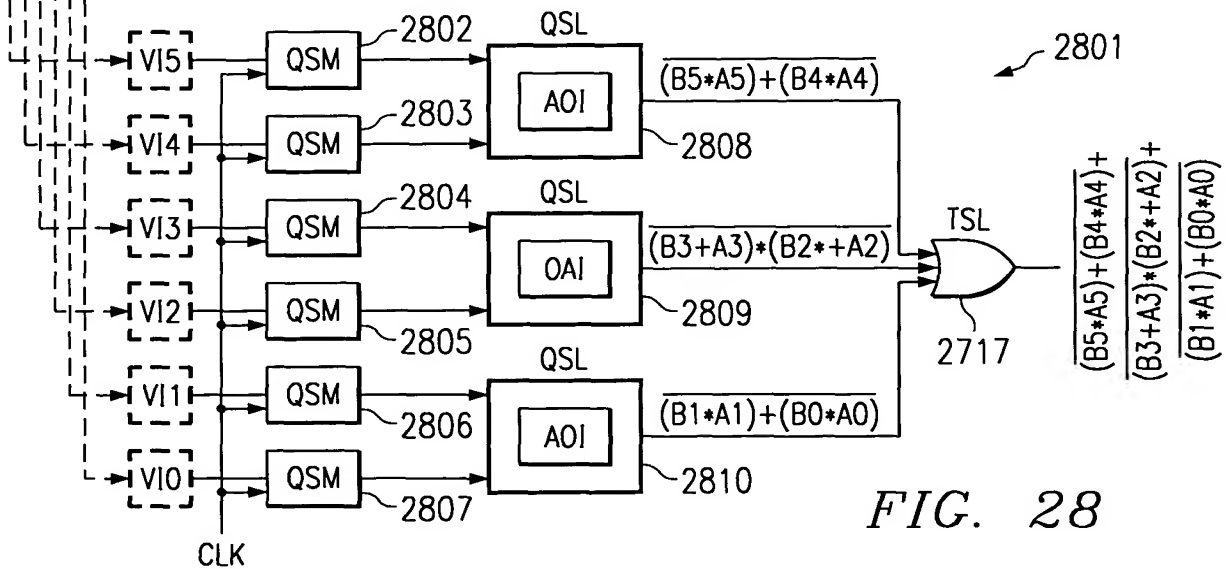


FIG. 28

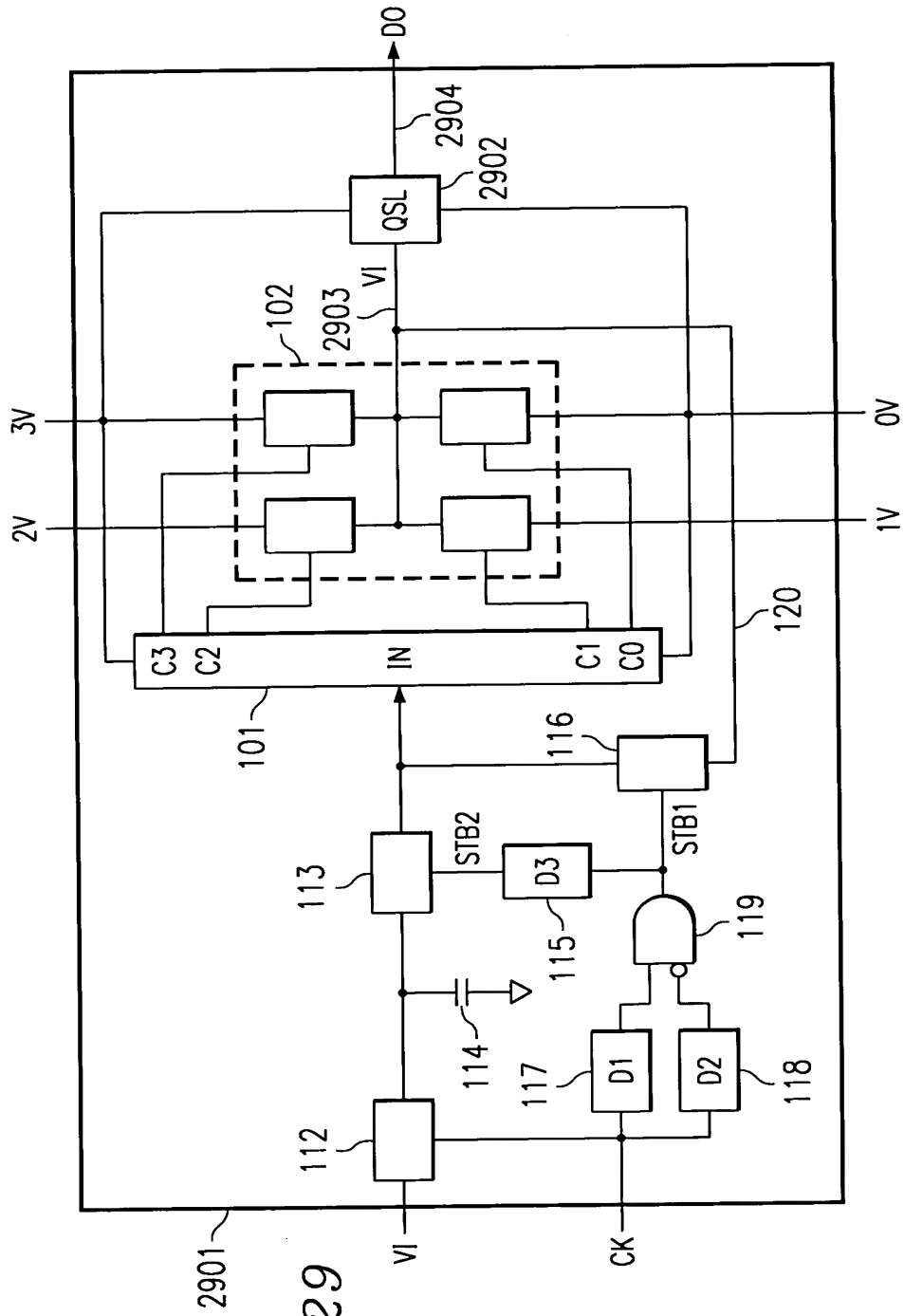
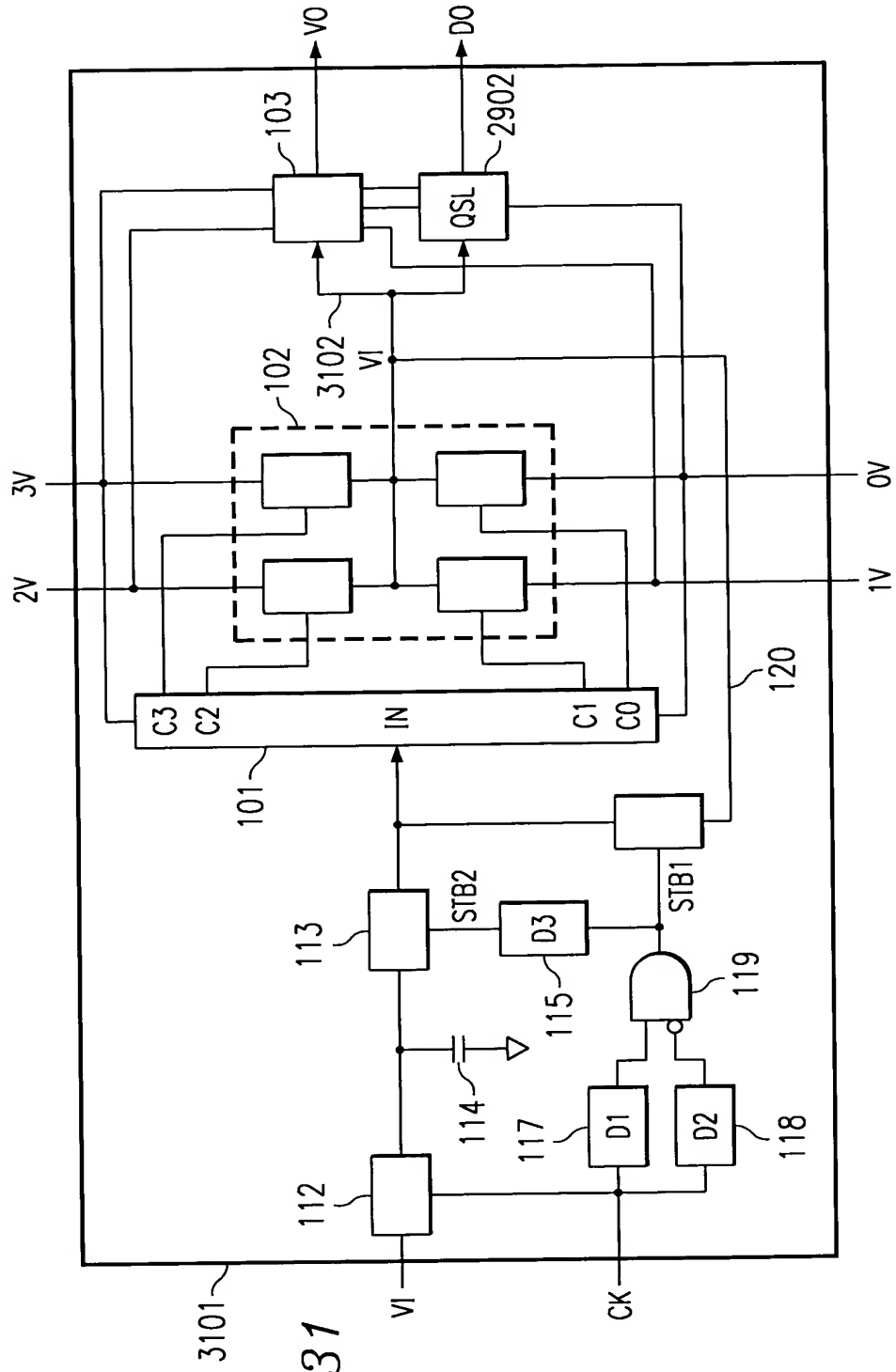


FIG. 29



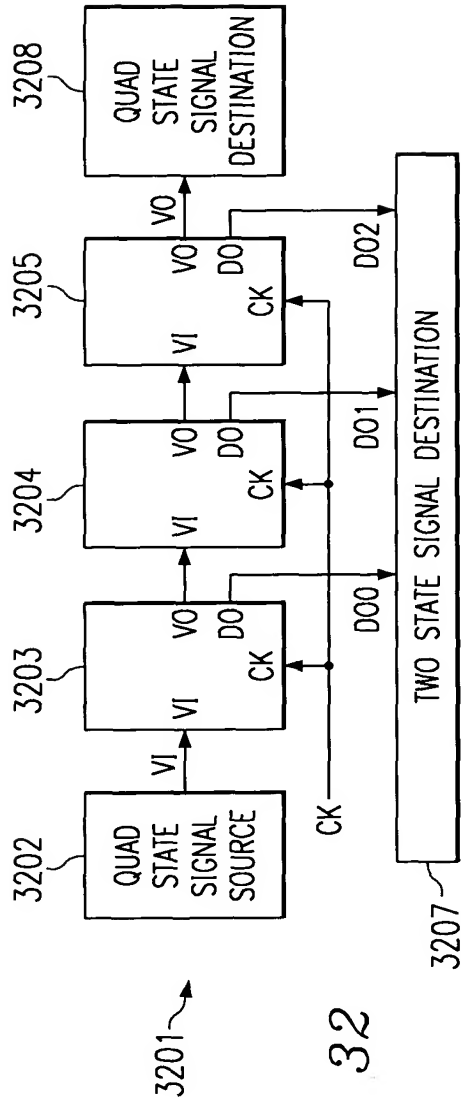


FIG. 32

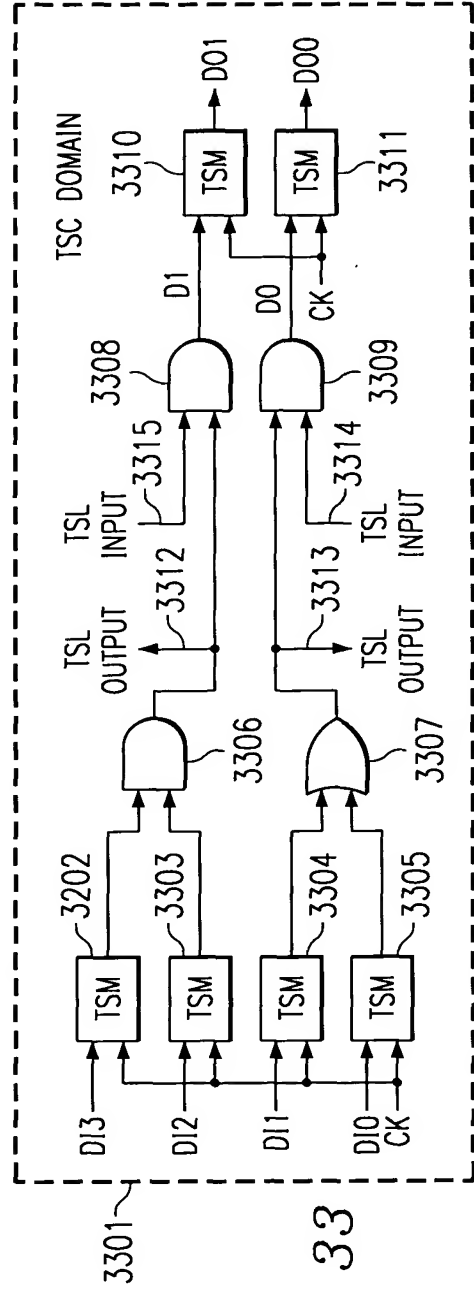
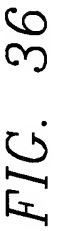


FIG. 33

FIG. 34

FIG. 35



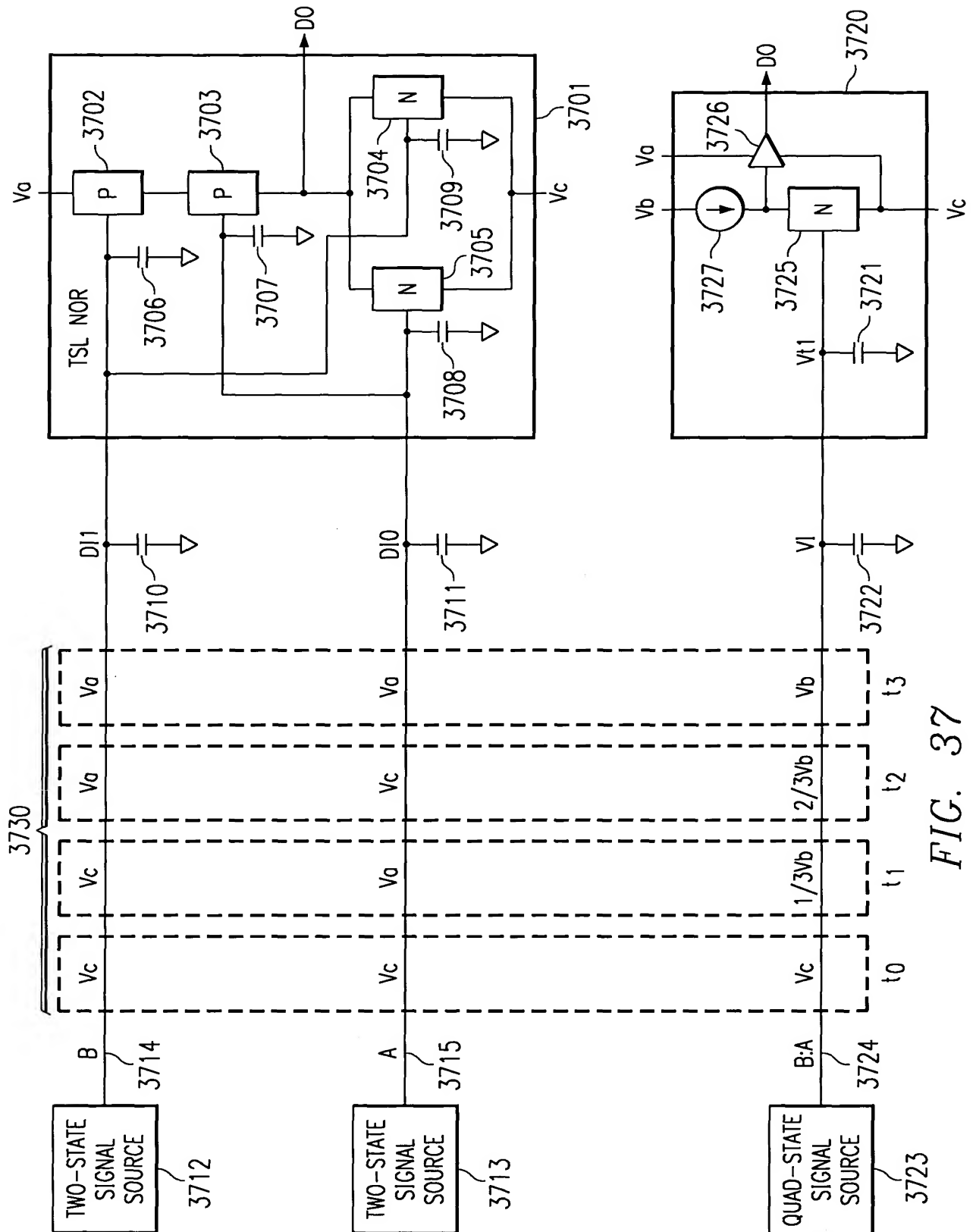
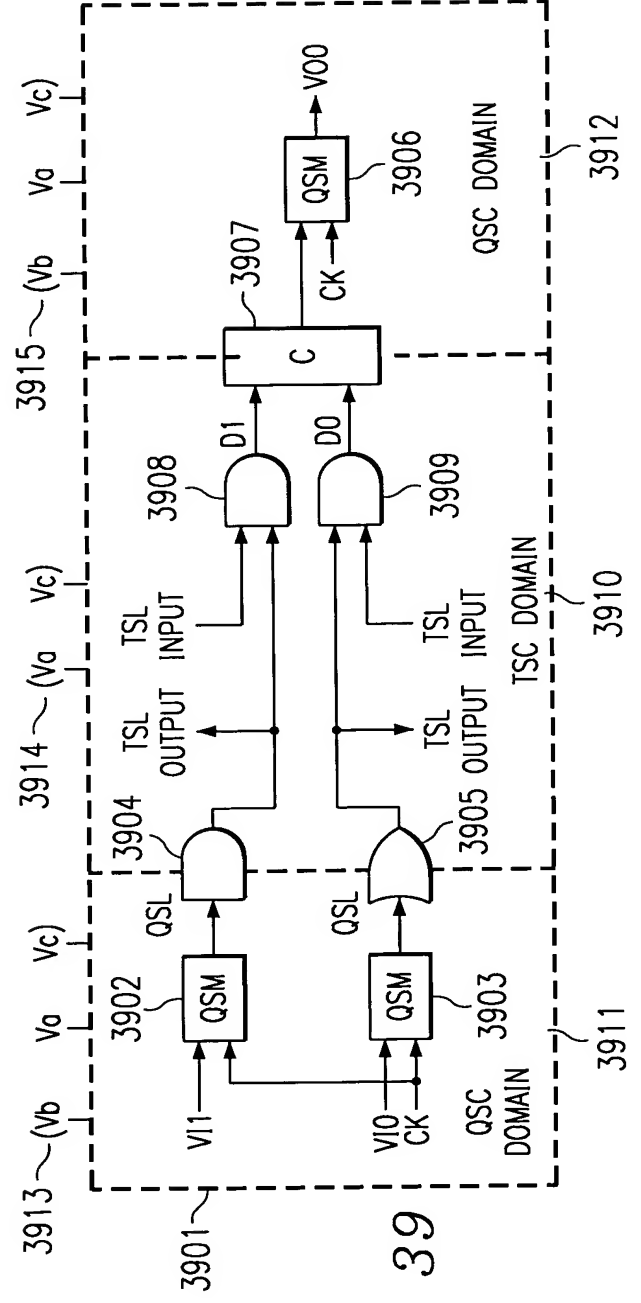
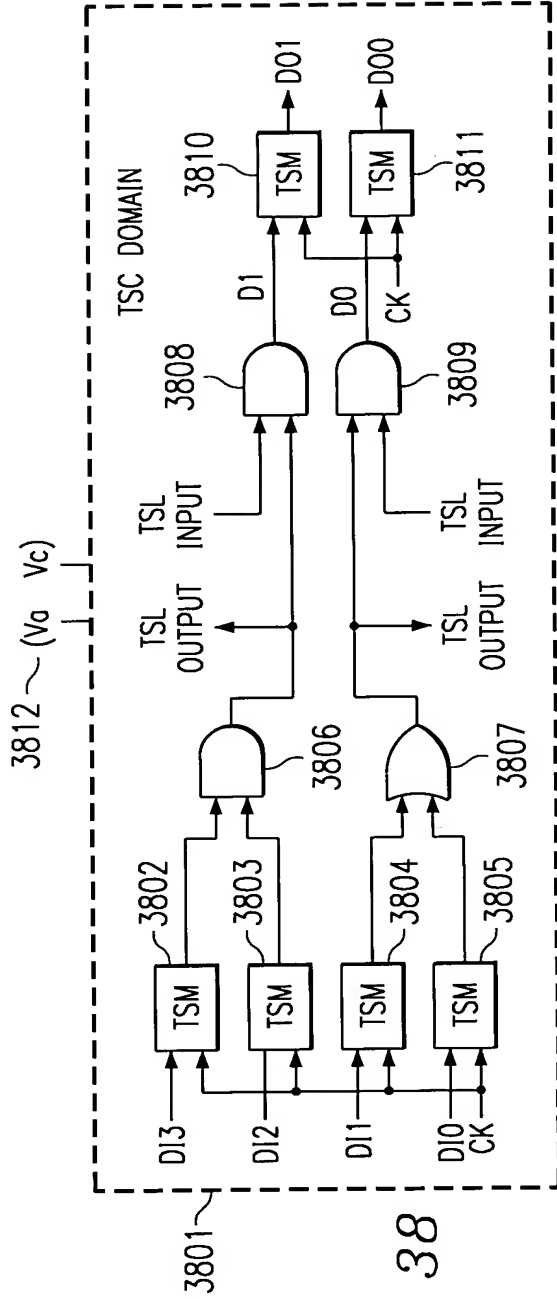


FIG. 37



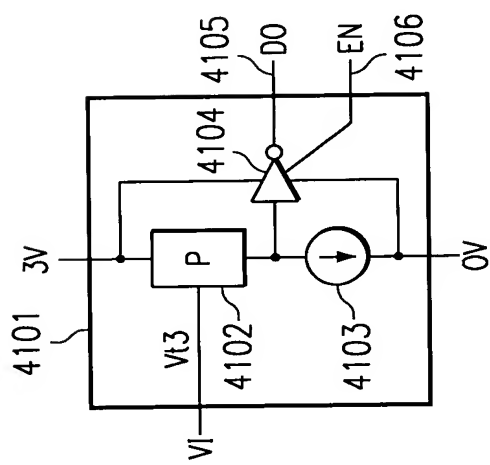
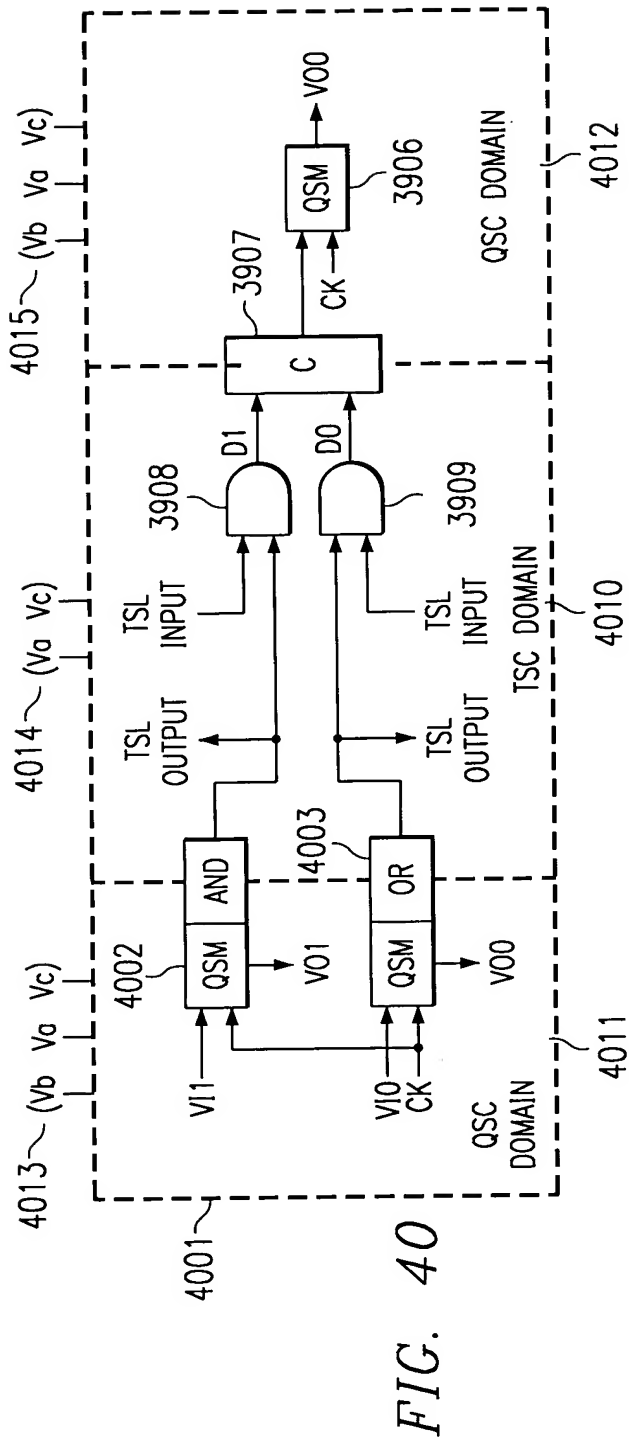


FIG. 41b

VI(B:A)	EN	D0
X(X:X)	L	Z
0(L:L)	H	H
1(L:H)	H	H
2(H:L)	H	H
3(H:H)	H	L

$D0 = \overline{B \cdot A}$

4110

